

## ABSTRACT OF THE DISCLOSURE

In a platen gap adjustment device, a stable area detection device for a platen gap formed between a head and an upper surface of a platen, wherein the carriage guide shaft is moved relatively  
5 to the platen so that the platen gap is adjusted by driving the drive motor to rotate the gap adjuster cam, the gap adjuster cam is configured so as to provide a plurality of stable areas and a plurality transition areas; and wherein a stable area detection sensor is provided so as to face to a rotational member  
10 which rotates synchronously with the gap adjuster cam, and a detection object in correspondence with the stable areas of the platen gap is provided on the rotational member.